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PREFACE

The Plant Variety Protection Act (7 U.S.C., 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The Official Journal, published quarterly, is available from:

Plant Variety Protection Office
Agricultural Marketing Service
U.S. Department of Agriculture
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APPLICATIONS RECEIVED

APRIL 1, 1985 TO JUNE 30, 1985

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APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
ALFALFA 8500165	Salute	(2) 06/04/85	United AgriSeeds, Inc.
BEAN, FIELD 8500104	Agri-I	04/08/85	Agri Sales, Inc. and Gentec, Inc.
8500139	<XP-B178>	04/30/85	Asgrow Seed Co.
8500149	<RS 101>	(2) 05/10/85	Ronald D. and Leta L. Seacat
8500164	Lassen	(3) 05/29/85	Sacramento Valley Milling, Inc.
BEAN, GARDEN 8500135	<XP-B161>	04/30/85	Asgrow Seed Co.
8500136	Volare	04/30/85	Asgrow Seed Co.
8500137	<XP-B158>	04/30/85	Asgrow Seed Co.
8500138	<XP-B153>	04/30/85	Asgrow Seed Co.

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APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
BLUEGRASS, KENTUCKY 8500113	Able I	04/23/85	Pure-Seed Testing, Inc.
CAULIFLOWER 8500151	<S6 111>	05/06/85	Sluis & Groot of America, Inc.
CORN, FIELD 8500098	<Q381>	04/01/85	Quality Research Associates
8500123	<1B014>	04/26/85	Dekalb-Pfizer Genetics
8500124	<1B16>	04/26/85	Dekalb-Pfizer Genetics
8500125	<78004>	04/26/85	Dekalb-Pfizer Genetics
8500126	<78010>	04/26/85	Dekalb-Pfizer Genetics
8500127	<MBNA>	04/26/85	Dekalb-Pfizer Genetics
8500152	G83	05/21/85	Pioneer Hi-Bred International, Inc.
8500153	LH150	05/22/85	Holden's Foundation Seeds, Inc.

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APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
COTTON			
8500110	Deltapine 20	04/15/85	Delta and Pine Land Company
8500154	Terra C-40	05/28/85	Terra Seed Company
8500155	Terra C-30	05/28/85	Terra Seed Company
8500162	Stoneville 112	05/29/85	Stoneville Pedigreed Seed Company, Inc.
FESCUE, TALL			
8500100	Bonanza	04/01/85	Pure-Seed Testing, Inc.
8500150	Willamette	05/10/85	International Seeds, Inc.
8500161	Chesapeake	05/29/85	The O. M. Scott & Sons Company
LETTUCE			
8500102	<Exp 3518>	04/01/85	Bruce Church, Inc.
MEADOWFOAM			
8500166	Mermaid	(2) 06/10/85	Oregon Agriculture Experiment Station

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APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
PEA			
8500099	Consort	(3) 04/01/85	Hurst, Gunson, Cooper, Taber, Ltd., U.K.
8500101	Alpine	04/05/85	Sunseeds, A Division of Agrigenetics
8500128	Snappy	04/29/85	W. Atlee Burpee Co.
8500130	Goya	04/30/85	Asgrow Seed Co.
8500131	Utrillo	04/30/85	Asgrow Seed Co.
8500132	Saber	04/30/85	Asgrow Seed Co.
8500133	<XP-F174>	04/30/85	Asgrow Seed Co.
8500134	Citadel	04/30/85	Asgrow Seed Co.
8500163	Mendota	05/30/85	Sunseeds, A Division of Agrigenetics
RADISH			
8500129	Plum Purple	(1) 04/25/85	Alf. Christianson Seed Co.

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RAPE			
8500114	Global	(3) 04/26/85	Svalof AB, Sweden
8500115	Topas	(3) 04/26/85	Svalof AB, Sweden
8500171	Cascade	(2) 06/18/85	Dick L. Auld
8500172	Bridger	(2) 06/18/85	Dick L. Auld
RYEGRASS, PERENNIAL			
8500111	Urbana	04/17/85	D.J. van der Have B. V., Neth.
SESAME			
8500167	Sesaco 2A	06/10/85	Sesaco Corporation
8500168	Sesaco 3	06/10/85	Sesaco Corporation
8500169	Sesaco 4	06/10/85	Sesaco Corporation
8500170	Sesaco 7	06/10/85	Sesaco Corporation

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APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
SOYBEAN			
8500116	B335	04/26/85	Northrup King Co.
8500117	S27-10	04/26/85	Northrup King Co.
8500118	S39-99	04/26/85	Northrup King Co.
8500119	S42-30	04/26/85	Northrup King Co.
8500120	S15-50	04/26/85	Northrup King Co.
8500121	B095	04/26/85	Northrup King Co.
8500122	S24-24	04/26/85	Northrup King Co.
8500140	L1771	05/06/85	Land O' Lakes, Inc.
8500141	L2330	05/06/85	Land O' Lakes, Inc.
8500142	9531	05/06/85	Pioneer Hi-Bred International, Inc.

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SOYBEAN			
8500143	9591	05/06/85	Pioneer Hi-Bred International, Inc.
8500144	9061	05/06/85	Pioneer Hi-Bred International, Inc.
8500145	9691	05/06/85	Pioneer Hi-Bred International, Inc.
8500146	9791	05/06/85	Pioneer Hi-Bred International, Inc.
8500147	9541	05/06/85	Pioneer Hi-Bred International, Inc.
8500156	A1525	05/29/85	Asgrow Seed Co.
8500157	A1214	05/29/85	Asgrow Seed Co.
8500158	A1895	05/29/85	Asgrow Seed Co.
8500159	A3427	05/29/85	Asgrow Seed Co.
8500160	A3803	05/29/85	Asgrow Seed Co.

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SOYBEAN			
8500173	J-231	06/25/85	Jacques Seed Company
WATERMELON			
8500103	Charlee	04/08/85	Florida Agricultural Experiment Station
8500148	Yellow Crimson	05/10/85	Coffey Seed Co.
WHEAT, COMMON			
8500105	Norak	04/12/85	Rohm and Haas Seeds, Inc.
8500106	Rodeo	04/12/85	Rohm and Haas Seeds, Inc.
8500107	Pony	04/12/85	Rohm and Haas Seeds, Inc.
8500108	Leif	04/12/85	Rohm and Haas Seeds, Inc.
8500109	Bighorn	04/12/85	Rohm and Haas Seeds, Inc.
8500112	2551	04/23/85	Pioneer Hi-Bred International, Inc.

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
BARLEY				
8000092	Poco	(3)	05/31/85	Wilbur-Ellis Company
	'Poco' most closely resembles 'California Mariout'; however, 'Poco' is 11 days earlier from seeding to 50% heading and averages 66 cm shorter in plant height than 'California Mariout'.			
8300004	WestBred 501	(*)	04/26/85	Western Plant Breeders, Inc.
	'WestBred 501' is most similar to 'Gus' except 'WestBred 501' has a white (colorless) aleurone and heads 3 to 4 days earlier than 'Gus'. 'Gus' has a blue aleurone.			
8300106	Columbia	(*)	04/26/85	Western Plant Breeders, Inc.
	'Columbia' is most similar to 'Kombar'; however, the aleurone color of 'Columbia' is blue whereas the aleurone color of 'Kombar' is white (colorless).			
8300107	WestBred Gustoe	(*)	04/26/85	Western Plant Breeders, Inc.
	'WestBred Gustoe' is most similar to 'Gus' except 'WestBred Gustoe' heads 2 to 5 days later than 'Gus' and is 7 to 15 cm shorter than 'Gus'.			
BEAN, FIELD				
8300037	Pilgrim	(3)	06/28/85	Wilbur-Ellis Co., Seed Division
	'Pilgrim' is most similar to 'Taylor Horticultural'; however, plants of 'Pilgrim' are classified as "high bush" types and average 13 cm taller than plants of 'Taylor Horticultural', which are classed as "stem bush" types.			

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BEAN, FIELD 8300100	Garnet		05/31/85	Rogers Brothers Seed Co.
	'Garnet' is most similar to 'Red Mexican UI-36'; however, 'Garnet' reaches seed maturity 4 days earlier than does 'Red Mexican UI-36'. Also, seed weight in 'Garnet' is 25 g/100 seed, compared to 31 g/100 seed for 'Red Mexican UI-36'.			
8300150	C-20	(1)	05/31/85	Michigan Agric. Expt. Sta.

'C-20' is most similar to 'Fleetwood'; however, in Anthracnose reaction, 'C-20' is susceptible to race alpha and resistant to race delta whereas 'Fleetwood' is resistant to race alpha and susceptible to race delta.

BEAN, GARDEN 8200132	Ovation		04/26/85	Royal Sluis, Neth.
	'Ovation' is most similar to 'Nerina'; however, diameter of fresh pods at optimum harvest maturity is 1 mm larger in 'Ovation' than in 'Nerina'. Also, 'Ovation' averages 4 days later from sowing to first open flower than 'Nerina'.			
8200145	Bush Kentucky Wonder 125		04/26/85	Musser Seed Co., Inc.

'Bush Kentucky Wonder 125' is most similar to 'Greencrop'; however, 'Bush Kentucky Wonder 125' is resistant to bean common mosaic virus race NV15, whereas 'Greencrop' is susceptible. Also 'Bush Kentucky Wonder 125' plants are 7.5-10.0 cm taller, and pod maturity is 4 days later than 'Greencrop'.

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BERMUDAGRASS

8300171 Guymon

(2) 06/28/85 Okla. Agric. Expt. Sta. & ARS, USDA

'Guymon' is most similar to the California and Arizona common type bermudagrass; however, 'Guymon' is more winter hardy, has darker green leaves (medium dark green vs light green), has more pubescent leaves (copious vs sparse) and heavier weight seeds (3265 vs 4629 seeds/g) than does common bermudagrass.

CAULIFLOWER

8400044 Triton

06/28/85 Rijk Zwaan B.V., Neth.

'Triton' is most similar to 'Celesta'; however, 'Triton' matures 5 days later than 'Celesta' and has dark green leaves whereas 'Celesta' has gray-green leaves.

8400045 Senator

06/28/85 Rijk Zwaan B.V., Neth.

'Senator' is most similar to 'Celesta'; however, 'Senator' has 6 to 8 more leaves per plant than 'Celesta' and its leaves are dark green whereas 'Celesta' leaves are gray-green.

CELERY

8400131 James Abe

06/28/85 Bud Antle, Inc.

'James Abe' is most similar to 'Tall Utah 52-70R Improved'; however, 'James Abe' has darker green petioles (143B vs 145B RHS) than 'Tall Utah 52-70R Improved'.

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LETTUCE				
8300007	Golden Bibb		05/31/85	Scattini Seeds, Inc.
'Golden Bibb' is most similar to 'Summer Bibb'; however, 'Golden Bibb' has a distinctive golden-orange flower whereas the flower of 'Summer Bibb' is light yellow.				
PEA				
8400092	Bemo1		05/31/85	Asgrow Seed Co.
'Bemo1' most closely resembles 'Polarette'; however, 'Bemo1' is 51 heat units earlier to 115 tenderometer and its peas are 0.8 sieve size smaller (1.5 vs 2.3) than 'Polarette' peas.				
8400093	Menuet		05/31/85	Asgrow Seed Co.
'Menuet' most closely resembles 'Mini 93'; however, 'Menuet' is 105 heat units later to 115 tenderometer and reaches 80 percent full flower 4 days after 'Mini 93'.				
8400094	Envy		06/28/85	Asgrow Seed Co.
'Envy' is most similar to 'Pomak' and '#8221 Early Perfection'; however, 'Envy' begins flowering at the 10th node whereas 'Pomak' begins flowering at the 16th node and 'Envy' can have 3 to 4 flowers per node whereas '#8221 Early Perfection' does not have more than 2 flowers per node.				
8400103	Payload		06/28/85	Asgrow Seed Co.
'Payload' is most similar to 'Dawn' and 'Picardie'; however, 'Payload' is resistant to near wilt whereas 'Dawn' and 'Picardie' are susceptible.				

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PEA 8400104	Elegance		06/28/85	Asgrow Seed Co.
	'Elegance' is most similar to 'Mini'; however, 'Elegance' is leafless having only tendrils and stipules whereas 'Mini' has normal foliage with leaflets.			
8400105	Vulcan		06/28/85	Asgrow Seed Co.
	'Vulcan' is most similar to 'Venus'; however, 'Vulcan' is leafless having only tendrils and stipules whereas 'Venus' has normal foliage with leaflets.			
8400106	Trek		06/28/85	Asgrow Seed Co.
	'Trek' is most similar to 'Galaxie'; however, 'Trek' is leafless having only tendrils and stipules whereas 'Galaxie' has normal foliage with leaflets.			
RYEGRASS, PERENNIAL 8200043	Delray		04/26/85	Northrup King Co.

'Delray' is most similar to 'Pennfine'; however, 'Delray' has a shorter spike (11.9 vs 13.0 cm) and shorter glumes (8.0 vs 9.3 mm) than 'Pennfine'.

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SOYBEAN				
8200142	GK-67	(3)	05/31/85	Agratech Seeds Inc.
	'GK-67' most closely resembles 'Hale 7'; however, 'GK-67' has brown pubescence whereas 'Hale 7' has gray pubescence.			
8300090	S45-01	(*)	05/31/85	Northrup King Co.
	'S45-01' is most similar to 'Mitchell'; however, 'Mitchell' has tan pods whereas 'S45-01' has brown pods.			
8400053	Dawson	(*)	04/26/85	Minnesota Agricultural Experiment Station
	'Dawson' is most similar to 'Hodgson 78'; however, 'Dawson' matures 4 to 5 days earlier than 'Hodgson 78' and has yellow hila whereas 'Hodgson 78' has buff hila.			
8400069	HT5203	(1)	04/26/85	Stanford Seed Co.
	'HT5203' is most similar to 'Essex'; however, 'HT5203' is resistant to soybean cyst nematode race 3 whereas 'Essex' is susceptible.			
8400070	HT4203	(1)	04/26/85	Stanford Seed Company
	'HT4203' is most similar to 'Falcon'; however, 'HT4203' is resistant to soybean cyst nematode, races 3 and 4 whereas 'Falcon' is susceptible.			

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SOYBEAN				
8400073	9441		04/26/85	Pioneer Hi-Bred International, Inc.
	'9441' is most similar to '3981'; however, '9441' matures 3 days later than '3981'.			
8400074	9292		04/26/85	Pioneer Hi-Bred International, Inc.
	'9272' is most similar to '9271'; however, '9272' matures 3 days later than '9271' and has 40 percent fewer etched seeds than '9271'.			
8400075	9271		04/26/85	Pioneer Hi-Bred International, Inc.
	'9271' is most similar to 'Century' and 'S1474'; however, '9271' seeds have brown hila whereas 'Century' seeds have black hila and '9271' seedcoats have high peroxidase activity whereas 'S1474' seedcoats have low peroxidase activity.			
8400077	Coker 425		(3) 05/31/85	CR Seeds
	'Coker 425' most closely resembles 'Essex'; however, 'Coker 425' has tawny pubescence and black hila whereas 'Essex' has gray pubescence and buff hila.			
8400078	Coker 485		(3) 05/31/85	CR Seeds
	'Coker 485' most closely resembles 'Forrest'; however, 'Coker 485' has purple flowers whereas 'Forrest' has white flowers.			

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SOYBEAN				
8400079	J-72		05/31/85	Jacques Seed Company
	'J-72' is most similar to 'Wirth'; however, 'J-72' matures 8 days earlier than 'Wirth'.			
8400081	J-8389		05/31/85	Jacques Seed Company
	'J-8389' is most similar to 'Swift'; however, 'J-8389' matures 5 days later than 'Swift' and 'J-8389' has tan hila whereas 'Swift' has black hila.			
8400082	Winchester	(3)	05/31/85	Purdue University Agricultural Experiment Station
	'Winchester' is most similar to 'Williams', 'Williams 79', and 'Williams 82'. However, 'Winchester' is resistant to <u>Phytophthora megasperma</u> races 1-9, 11, 13, 15-18, 21, and 22 whereas 'Williams' is susceptible to races 1 and 2; 'Williams 79' is susceptible to races 4, 5, 8, 14, and 22; and 'Williams 82' is susceptible to race 16 but resistant to race 10.			
8400083	Keller	(3)	05/31/85	Purdue University Agricultural Experiment Station
	'Keller' is most similar to 'Beeson' and 'Beeson 80'; however, 'Keller' is resistant to <u>Phytophthora megasperma</u> races 4 and 5 whereas 'Beeson' and 'Beeson 80' are susceptible.			
8400084	Miami	(3)	05/31/85	Purdue University Agricultural Experiment Station
	'Miami' is most similar to 'Wells' and 'Wells II'; however, 'Miami' is resistant to <u>Phytophthora megasperma</u> races 4 and 5 whereas 'Wells' and 'Wells II' are susceptible.			

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SOYBEAN				
8400095	A6381		06/28/85	Asgrow Seed Co.
	'A6381' most closely resembles 'Davis'; however, 'A6381' has purple flowers whereas 'Davis' has white flowers.			
8400096	A6242		06/28/85	Asgrow Seed Co.
	'A6242' most closely resembles 'Tracy M' and 'A6520'; however, 'A6242' has brown pods and is susceptible to <u>Phytophthora</u> rot whereas 'Tracy M' and 'A6520' have tan pods and are resistant to <u>Phytophthora</u> rot.			
8400097	A5980		06/28/85	Asgrow Seed Co.
	'A5980' most closely resembles 'Bedford' and 'A5939'; however, 'A5980' has purple flowers whereas 'Bedford' has white flowers and 'A5980' is susceptible to <u>Phytophthora</u> rot, races 1 and 7 whereas 'A5939' is resistant.			
8400122	S42-40		06/28/85	Northrup King Co.
	'S42-40' is most similar to 'A4268'; however, 'S42-40' has purple flowers whereas 'A4268' has white flowers.			

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TOMATO				
8300001	Easy Harvest		04/26/85	Campbell Soup Company Campbell Institute for Research and Technology
	'Easy Harvest' is most similar to 'Campbell 37'; however, fruit weight for 'Easy Harvest' averages 65 g whereas for 'Campbell 37' it averages 86 g. Also, 'Easy Harvest' is resistant to <u>Verticillium wilt</u> race 1 whereas 'Campbell 37' is susceptible.			
8300035	Rio Colorado		06/28/85	Petoseed Co., Inc.
	'Rio Colorado' is most similar to 'Peto 98'; however, fruits of 'Rio Colorado' average 8-13 g heavier than fruits of 'Peto 98'. Also, soluble solids of ripe fruits are significantly higher in 'Rio Colorado' (5.50 Brix) than 'Peto 98' (4.70 Brix).			
8400050	Easy Winner		06/28/85	Campbell Soup Company Campbell Institute for Research and Technology

'Easy Winner' is most similar to 'Easy Harvest'; however, 'Easy Winner' fruits mature 7-10 days earlier than fruits of 'Easy Harvest'. Also, fruits of 'Easy Winner' have thicker pericarp walls which average 7.9 mm whereas pericarp walls of 'Easy Harvest' average 6.5 mm thick.

~~(*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.~~

APPLICATIONS AMENDED
APRIL 1, 1985 TO JUNE 30, 1985

Information concerning the varieties below has been published previously in the Official Journal's list of "APPLICATIONS RECEIVED." During the examination process, the applicant requested this information to be amended as indicated below.

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
COTTON			
8500056	SV 13 Variety name changed from 'J & S 8513' TO 'SV 13'.	01/31/85	J & S Research Company, Inc.
8500075	S V 93 Variety name changed from 'J & S 8593' TO 'SV 93'	03/04/85	J & S Research Company, Inc.
SOYBEAN			
8500008	RA-451 Name of applicant changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.	10/10/84	Rohm and Haas Seeds, Inc.
8500009	RA-452 Name of applicant changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.	10/10/84	Rohm and Haas Seeds, Inc.
8500010	RA-405 Name of applicant changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.	10/10/84	Rohm and Haas Seeds, Inc.

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< > Identifies temporary designations.

CERTIFICATES AMENDED
APRIL 1, 1985 TO JUNE 30, 1985

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
BEAN, GARDEN 7100029	Sunrise Name of owner changed from Keystone Seed Co. to Sunseeds, A Division of Agrigenetics.	06/24/74	Sunseeds, A Division of Agrigenetics	
7100030	Lake Shasta Name of owner changed from Keystone Seed Co. to Sunseeds, A Division of Agrigenetics.	08/12/74	Sunseeds, A Division of Agrigenetics	
7100031	Lake Erie Name of owner changed from Keystone Seed Co. to Sunseeds, A Division of Agrigenetics.	08/12/74	Sunseeds, A Division of Agrigenetics	
7100033	Rebel Name of owner changed from Keystone Seed Co. to Sunseeds, A Division of Agrigenetics.	09/30/74	Sunseeds, A Division of Agrigenetics	
7100034	Lake Superior Name of owner changed from Keystone Seed Co. to Sunseeds, A Division of Agrigenetics.	05/21/74	Sunseeds, A Division of Agrigenetics	
7100036	Miami Name of owner changed from Keystone Seed Co. to Sunseeds, A Division of Agrigenetics.	02/28/74	Sunseeds, A Division of Agrigenetics	
7200068	Lake Geneva Name of owner changed from Keystone Seed Co. to Sunseeds, A Division of Agrigenetics.	05/21/74	Sunseeds, A Division of Agrigenetics	
7400069	Raider Name of owner changed from Keystone Seed Co. to Sunseeds, A Division of Agrigenetics.	07/26/74	Sunseeds, A Division of Agrigenetics	

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CERTIFICATES AMENDED
APRIL 1, 1985 TO JUNE 30, 1985

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
BEAN, GARDEN 7400104	Lake Largo Name of owner changed from Keystone Seed Co. to Sunseeds, A Division of Agrigenetics.	09/30/74	Sunseeds, A Division of Agrigenetics	
7500096	Lake Seneca Name of owner changed from Keystone Seed Co. to Sunseeds, A Division of Agrigenetics.	11/24/75	Sunseeds, A Division of Agrigenetics	
7600058	Paymaster Name of owner changed from Agrigenetics Corporation, Vegetable Products Group to Sunseeds, A Division of Agrigenetics.	12/07/77	Sunseeds, A Division of Agrigenetics	
7600059	Lakeland Name of owner changed from Agrigenetics Corporation, Vegetable Products Group to Sunseeds, A Division of Agrigenetics.	01/26/78	Sunseeds, A Division of Agrigenetics	
7600060	Green Genes Name of owner changed from Agrigenetics Corporation to Sunseeds, A Division of Agrigenetics.	12/07/77	Sunseeds, A Division of Agrigenetics	
7600061	Triumph Name of owner changed from Agrigenetics Corporation, Vegetable Products Group to Sunseeds, A Division of Agrigenetics.	12/30/77	Sunseeds, A Division of Agrigenetics	
7700058	Conquest Name of owner changed from Keystone Seed Co. to Sunseeds, A Division of Agrigenetics.	07/26/77	Sunseeds, A Division of Agrigenetics	

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APRIL 1, 1985 TO JUNE 30, 1985

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
BEAN, GARDEN 7900045	Empress Name of owner changed from Agrigenetics Corporation to Sunseeds, A Division of Agrigenetics.	04/15/82	Sunseeds, A Division of Agrigenetics	
8000111	Keygold Name of owner changed from Keystone Seed Co. to Sunseeds, A Division of Agrigenetics.	10/16/80	Sunseeds, A Division of Agrigenetics	
8100174	Profit Maker Name of owner changed from Agrigenetics Corporation, Vegetable Products Group to Sunseeds, A Division of Agrigenetics.	04/28/83	Sunseeds, A Division of Agrigenetics	
8100175	Broker's Choice Name of owner changed from Agrigenetics Corporation, Vegetable Products Group to Sunseeds, A Division of Agrigenetics.	04/28/83	Sunseeds, A Division of Agrigenetics	
8200007	Shannon Name of owner changed from Agrigenetics Corporation, Vegetable Products Group to Sunseeds, A Division of Agrigenetics.	04/28/83	Sunseeds, A Division of Agrigenetics	
CAULIFLOWER 8400045	Senator Variety with temporary designation of Type 616 RZ named 'Senator'.	06/28/85	Rijk Zwaan B.V., Neth.	

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CERTIFICATES AMENDED

APRIL 1, 1985 TO JUNE 30, 1985

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CERT. NO.	VARIETY	GEN. (*)	ISSUE (*)	NAME OF OWNER
COTTON				
8100060	Germain's Acala GC-363	(*)	03/24/83	Germain's, Inc.
	Name of owner changed from C. Harvey Campbell, Jr.; David L. West; Kenneth L. Puryear; H. P. Anderson, III to Germain's, Inc.			
8100061	Germain's Acala GC-445	(*)	03/24/83	Germain's, Inc.
	Name of owner changed from C. Harvey Campbell, Jr.; David L. West; Kenneth L. Puryear; H. P. Anderson, III, to Germain's, Inc.			
8100062	Germain's Acala GC-555	(*)	03/24/83	Germain's, Inc.
	Name of owner changed from C. Harvey Campbell, Jr.; David L. West; Kenneth L. Puryear; H. P. Anderson, III, to Germain's, Inc.			
8200166	Germain's Acala GC-510	(*)	03/24/83	Germain's, Inc.
	Name of owner changed from C. Harvey Campbell, Jr.; David L. West; Kenneth L. Puryear; H. P. Anderson, III, to Germain's, Inc.			
8400129	Germain's Acala GC-362	(*)	09/28/84	Germain's, Inc.
	Name of owner changed from C. Harvey Campbell, Jr.; David L. West; Kenneth L. Puryear; H. P. Anderson, III, to Germain's Inc.			

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CERTIFICATES AMENDED
APRIL 1, 1985 TO JUNE 30, 1985

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
LETTUCE				
7300016	Picoverde		04/10/73	Sunseeds, A Division of Agrigenetics
	Name of owner changed from Keystone Seed Co.	to Sunseeds,		A Division of Agrigenetics.
7600052	Chappara1		05/16/77	Sunseeds, A Division of Agrigenetics
	Name of owner changed from Keystone Seed Co.	to Sunseeds,		A Division of Agrigenetics.
7600053	Costaverde		08/24/77	Sunseeds, A Division of Agrigenetics
	Name of owner changed from Keystone Seed Co.	to Sunseeds,		A Division of Agrigenetics.
7600054	Gustaverde		08/24/77	Sunseeds, A Division of Agrigenetics
	Name of owner changed from Keystone Seed Co.	to Sunseeds,		A Division of Agrigenetics.
7600055	Mesaverde		05/31/77	Sunseeds, A Division of Agrigenetics
	Name of owner changed from Keystone Seed Co.	to Sunseeds,		A Division of Agrigenetics.
7900067	Commander		07/26/79	Sunseeds, A Division of Agrigenetics
	Name of owner changed from Keystone Seed Co.	to Sunseeds,		A Division of Agrigenetics.

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 < > Identifies temporary designations.

CERTIFICATES AMENDED
APRIL 1, 1985 TO JUNE 30, 1985

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
ONION				
7300001	Scanlon		11/15/74	Sunseeds, A Division of Agrigenetics
	Name of owner changed from Agrigenetics Corporation, Vegetable Products Group to Sunseeds, A Division of Agrigenetics.			
PEA				
8300074	Sunset		04/30/84	Sunseeds, A Division of Agrigenetics
	Name of owner changed from Agrigenetics Corporation to Sunseeds, a Division of Agrigenetics.			
SAFFLOWER				
7700021	S-317	(3)	05/11/78	Seedtec International, Inc.
	To be sold by variety name only as a class of certified seed with 3 generations of certified seed permitted beyond breeder's seed.			
SOYBEAN				
7300054	Mitchell		10/30/74	Rohm and Haas Seeds, Inc.
	Pod color was changed from brown to tan.			
	Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.			
7500067	RA-526		12/12/75	Rohm and Haas Seeds, Inc.
	Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.			

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CERTIFICATES AMENDED

APRIL 1, 1985 TO JUNE 30, 1985

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
SOYBEAN				
7605006	RA-501A Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.		05/11/78	Rohm and Haas Seeds, Inc.
7800030	RA-401 Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.		06/22/78	Rohm and Haas Seeds, Inc.
7800031	RA-601 Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.		06/22/78	Rohm and Haas Seeds, Inc.
7900007	RA-480 Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.		02/15/79	Rohm and Haas Seeds, Inc.
7900008	RA-604 Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.		03/01/79	Rohm and Haas Seeds, Inc.
7900046	Mitchell 450 Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.		06/14/79	Rohm and Haas Seeds, Inc.
8000054	RA-481 Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.		03/26/81	Rohm and Haas Seeds, Inc.
8000093	RA-402 Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.		07/31/80	Rohm and Haas Seeds, Inc.

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CERTIFICATES AMENDED
APRIL 1, 1985 TO JUNE 30, 1985

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CERT. NO.	VARIETY	GEN. NO. (*)	ISSUE DATE	NAME OF OWNER
SOYBEAN				
8100097	RA-680 Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.		04/15/82	Rohm and Haas Seeds, Inc.
8200160	RA-502 Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.		08/31/83	Rohm and Haas Seeds, Inc.
8200161	RA-606 Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.		10/27/83	Rohm and Haas Seeds, Inc.
8200162	Mitchell 410 Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.		10/27/83	Rohm and Haas Seeds, Inc.
8200163	RA-403 Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.		10/27/83	Rohm and Haas Seeds, Inc.
8300075	RA-580 Name of owner changed from Ring Around Products, Inc., to Rohm and Haas Seeds, Inc.		04/30/84	Rohm and Haas Seeds, Inc.
SUNFLOWER				
7900022	GSF-1 Name of owner changed from Guido Stagi Farms to Stagi & Scriven Farms, Inc.		09/11/80	Mr. Robert Stagi

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APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE
APRIL 1, 1985 TO JUNE 30, 1985

Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Propagation of these varieties is no longer prohibited by the U.S. Plant Variety Protection Act. Varieties published in this list may possibly be protected under the Patent Act.

KIND	APPL. NO.	VARIETY
WHEAT, COMMON	83000020	Purcell

< > Identifies temporary designations.

DESCRIPTION OF PUBLIC VARIETIES

In accordance with section 180.800 of the Plant Variety Protection Act, descriptions of "public varieties" voluntarily submitted on PVP objective description forms will be accepted for publication in the Official Journal. Publication of such descriptions in no way constitutes recognition of the variety as novel or entitles it to protection under the Plant Variety Protection Act.

On the following pages are descriptions of 4 tomato varieties developed and released by the North Carolina Agricultural Research Service, North Carolina State University, Raleigh, North Carolina. The "PV Number" assigned to each variety should not be construed as meaning the variety is protected under the PVP Act; it is merely the accession number of that variety in the Office's database of tomato variety descriptions.

Reactions of these varieties to diseases and disorders are indicated by the codes R for "resistant," S for susceptible, and NT for "not tested."

Requests for seed samples and further information about these cultivars should be directed to Dr. D.F. Bateman, Director, North Carolina Agricultural Research Service, Box 7601, Raleigh, NC 27695-7601.

Variety Name: 'Piedmont'

PV Number: 8510002

An inbred line released as a cv. in the F7 generation. Stable and uniform in the F4-F6 generations [Exhibit A]. Differs from 'NC 50-7' in having the I-2 gene, which confers resistance to race 2 of Fusarium oxysporum f. lycopersici [Exhibit B].

Characteristics [from Exhibit C]:

Anthocyanin.....	Present	Fruit Pox.....	R
Habit Seedling.....	Normal	Gold Fleck.....	S
Plant Height, cm.....	105	Graywall.....	R
Growth Habit.....	Determinate	Zippering.....	S
Plant Form.....	Normal	Cucumber Mosaic.....	NT
Canopy Size.....	Large	Curly Top.....	NT
Uprightness.....	Semi-erect	Potato-Y Virus.....	NT
Branching.....	Intermediate	TMV Race 0.....	NT
Basal Branching.....	Absent	TMV Race 1.....	NT
Vegetative Nodes.....	7-10	TMV Race 2.....	NT
Lower Infl.Nodes.....	2	TMV Race 22.....	NT
Upper Infl.Nodes.....	2	Spotted Wilt.....	NT
Stem Pubescence.....	Sparse	Tomato Yellows.....	NT
Leaf Type.....	Tomato	Bacterial Canker.....	NT
Leaf Morphology.....	2	Bact. Soft Rot.....	NT
Leaf Margins.....	Deeply cut	Bacterial Speck.....	NT
Leaf Rolling.....	Absent	Bacterial Spot.....	NT
Leaf Surface.....	Smooth	Bacterial Wilt.....	NT
Leaf Pubescence.....	Normal	Anthrachnose.....	NT
Inflor. Type.....	Simple	Pyrenochaeta Rot.....	NT
No. flowers/infl.....	5	Collar Rot/Stem Canker.....	NT
Running Inflorescences.....	Absent	Early Blight.....	NT
Calyx.....	Normal	Fusarium Race 1.....	R
Calyx Lobes:Corolla....	Shorter	Fusarium Race 2.....	R
Corolla Color.....	Yellow	Fusarium Race 3.....	NT
Style Pubescence.....	Sparse	Gray Leaf Spot.....	NT
Anther Morphology.....	All fused	Late Blight Race 0.....	NT
Fasciation.....	Absent	Late Blight Race 1.....	NT
Fruit Shape.....	Flattened globe	Leaf Mold.....	NT
Fruit cross-section....	Round	Leaf Mold Race 1.....	NT
Blossom End.....	Flat	Leaf Mold Race 2.....	NT
Stem End.....	Indented	Leaf Mold Race 3.....	NT
Pistil Scar.....	Irregular	Nailhead Spot.....	NT
Abscission Layer.....	Present	Septoria Spot.....	NT
Fruit Detachment.....	Pedicel joint	Target Leafspot.....	NT
Pedicel Length, mm.....	10	Verticillium Race 1....	R
Fruit Length, mm.....	70	Verticillium Race 2....	S
Fruit Diameter, mm.....	85	Colo. Potato Beetle....	NT
Fruit Weight, g.....	234	So. Rootknot Nematode..	NT
No. of Locules.....	5 or more	Spider Mite.....	NT
Fruit Surface.....	Smooth	Sugarbeet Army Worm....	NT
Fruit Base Color.....	Light green	Flea Beetle.....	NT
Fruit Pattern.....	Uniform green	Hornworm.....	NT
Ripe Fruit Color.....	Red	Fruitworm.....	NT
Ripe Flesh Color.....	Red/Crimson	Whitefly.....	NT
Flesh Uniformity.....	Uniform	Ozone.....	NT
Gel Color.....	Red	Sulfur Dioxide.....	NT
Longitudinal Ripening..	Uniform	pH of Ripe Fruit.....	4.70
Centrifugal Ripening...	Uniform	Titrateable Acid x 10...	.047
Epidermis Color.....	Yellow	Sol.Solids x10.....	.053
Epidermis Peeling.....	Normal	Fruit Season.....	Medium
Epidermis Texture.....	Average	Relative Maturity.....	Medium late
Pericarp Thickness, mm..	6-9	Culture.....	Field
Stem Scar Size.....	Medium	Use.....	Fresh market
Fruit Core.....	Present	Use.....	Home garden
Blossom End Rot.....	R	Machine Harvest.....	Not adapted
Blotchy Ripening.....	R	Region Adapt.#1.....	Southeast
Fruit Bursting.....	R	Region Adapt.#2.....	Florida
Catfacing.....	R	Similar Variety.....	NC 50-7
Fruit Cracking.....	R	Pistillate Parent.....	NCBC3-28-1-1
Concentric Cracking....	R	Pollen Parent.....	NC 50-7
Radial Cracking.....	R		

Variety Name: 'Summit'

PV Number: 8510970

An inbred line in the F₇ generation. Single plant selection in F₂ through F₅ generations, and bulk selection in F₆ [Exhibit A]. Most similar to 'Flora-Dade', from which it differs in having larger fruit, later maturity, and a larger plant [Exhibit B].

Anthocyanin.....	Present	Fruit Pox.....	R
Habit Seedling.....	Normal	Gold Fleck.....	R
Plant Height cm.....	120	Graywall.....	R
Growth Habit.....	Determinate	Zippering.....	R
Plant Form.....	Normal	Cucumber Mosaic.....	NT
Canopy Size.....	Large	Curly Top.....	NT
Uprightness.....	Semi-erect	Potato-Y Virus.....	NT
Branching.....	Intermediate	TMV Race 0.....	NT
Basal Branching.....	Absent	TMV Race 1.....	NT
Vegetative Nodes.....	7-10	TMV Race 2.....	NT
Lower Infl.Nodes.....	2	TMV Race 2g.....	NT
Upper Infl.Nodes.....	2	Spotted Wilt.....	NT
Stem Pubescence.....	Sparse	Tomato Yellows.....	NT
Leaf Type.....	Tomato	Bacterial Canker.....	NT
Leaf Morphology.....	2	Bact. Soft Rot.....	NT
Leaf Margins.....	Deeply cut	Bacterial Speck.....	NT
Leaf Rolling.....	Absent	Bacterial Spot.....	NT
Leaf Surface.....	Smooth	Bacterial Wilt.....	NT
Leaf Pubescence.....	Normal	Other Bacterial.....	NT
Inflor. Type.....	Simple	Anthraco nose.....	NT
No. flowers/infl.....	5	Pyrenochaeta Rot.....	NT
Running Inflorescences.....	Occasional	Collar Rot/Stem Canker.....	NT
Calyx.....	Normal	Early Blight.....	NT
Calyx Lobes:Corolla...	Shorter	Fusarium Race 1.....	R
Corolla Color.....	Yellow	Fusarium Race 2.....	R
Style Pubescence.....	Sparse	Fusarium Race 3.....	NT
Anther Morphology.....	All fused	Gray Leaf Spot.....	NT
Fasciation.....	Absent	Late Blight Race 0.....	NT
Fruit Shape.....	Globe	Late Blight Race 1.....	NT
Fruit cross-section...	Round	Leaf Mold.....	NT
Blossom End.....	Flat	Nailhead Spot.....	NT
Stem End.....	Indented	Septoria Spot.....	NT
Pistil Scar.....	Stellate	Target Leafspot.....	NT
Abscission Layer.....	Absent	Verticillium Race 1.....	R
Fruit Detachment.....	Calyx	Verticillium Race 2.....	S
Fruit Length, mm.....	70	Colo. Potato Beetle...	NT
Fruit Diameter, mm.....	85	So. Rootknot Nematode...	NT
Fruit Weight, g.....	254	Spider Mite.....	NT
No. of Locules.....	5 or more	Sugarbeet Worm.....	NT
Fruit Surface.....	Smooth	Flea Beetle.....	NT
Frt. Base Color.....	Dark green	Hornworm.....	NT
Fruit Pattern.....	Green-shouldered	Fruitworm.....	NT
Ripe Fruit Color.....	Red	Whitefly.....	NT
Fruit Flesh Color.....	Red/Crimson	Ozone.....	NT
Flesh Uniformity.....	Uniform	Sulfur Dioxide.....	NT
Gel Color.....	Red	pH of Ripe Fruit.....	4.60
Longitudinal Ripening...	Blossom-to-stem	Titratable Acid x 10...	530
Centrifugal Ripening...	Inside out	Soluble Solids x 10...	054
Epidermis Color.....	Yellow	Fruit Season	Medium
Epidermis Peel.....	Normal	Relative Maturity.....	Medium late
Epidermis Texture.....	Average	Culture.....	Field
Pericarp Thickness, mm...	6-9	Use.....	Fresh market
Stem Scar Size.....	Medium	Machine Harvest.....	Not adapted
Fruit Core.....	Present	Region Adapt.#1.....	Southeast
Blossom End Rot.....	R	Region Adapt.#2.....	Florida
Blotchy Ripening.....	R	Synonym.....	NC7993-5-39-1W-1R
Fruit Bursting.....	R	Synonym.....	STEP 671
Catfacing.....	R	Similar Variety.....	Flora-Dade
Concentric Crack.....	R	Pistill. Parent.....	NC76-1-47-1W-1W(F ₅)
Radial Cracking.....	S	Pollen Parent.....	NC50-7 (F ₇)

Variety Name: 'Wolfpack 1'

PV Number: 8510971

An F₁₁ developed by pedigree selection in F₂ and F₃ followed by single seed descent from F₄ through F₆ [Exhibit A].

Characteristics [from Exhibit C]:

Anthocyanin.....	Present	Zippering.....	NT
Habit Seedling.....	Normal	Puffiness.....	R
Growth Habit.....	Determinate	Cucumber Mosaic.....	NT
Plant Form.....	Compact	Curly Top.....	NT
Canopy Size.....	Medium	Potato-Y Virus.....	NT
Uprightness.....	Semi-erect	TMV Race 0.....	NT
Branching.....	Intermediate	TMV Race 1.....	NT
Vegetative Nodes.....	7-10	TMV Race 2.....	NT
Lower Infl.Nodes.....	2	TMV Race 2 ²	NT
Upper Infl.Nodes.....	2	Tomato Yellows.....	NT
Stem Pubescence.....	Mod. hairy	Bacterial Canker.....	NT
Leaf Type.....	Tomato	Bacterial Soft Rot.....	NT
Leaf Morphology.....	2	Bacterial Speck.....	NT
Leaf Margins.....	Shallowly cut	Bacterial Spot.....	NT
Leaf Rolling.....	Slight	Bacterial Wilt.....	NT
Onset of Rolling.....	Mid-season	Anthrachnose.....	NT
Leaf Surface.....	Rugose	Pyrenochaeta Rot.....	NT
Leaf Pubescence.....	Normal	Collar Rot/Stem Canker.....	NT
No. flowers/infl.....	5	Early Blight.....	NT
Running Inflorescences.....	Absent	Fusarium Race 1.....	R
Calyx.....	Normal	Fusarium Race 2.....	NT
Calyx Lobes:Corolla....	Shorter	Fusarium Race 3.....	NT
Corolla Color.....	Yellow	Gray Leaf Spot.....	NT
Anther Morphology.....	All fused	Late Blight Race 0.....	NT
Fasciation.....	Absent	Late Blight Race 1.....	NT
Fruit Shape.....	Blocky-round	Leaf Mold.....	NT
Fruit cross-section....	Round	Leaf Mold Race 1.....	NT
Blossom End.....	Nippled	Leaf Mold Race 2.....	NT
Stem End.....	Flat	Leaf Mold Race 3.....	NT
Pistil Scar.....	Dot	Nailhead Spot.....	NT
Abscission Layer.....	Present	Septoria Spot.....	NT
Pedicel Length, mm.....	8	Target Leafspot.....	NT
Fruit Weight, g.....	72	Verticillium Race 1.....	NT
No. of Locules.....	2	Verticillium Race 2.....	NT
Fruit Surface.....	Smooth	Colo. Potato Beetle....	NT
Frt. Base Color.....	Lt. gray-green	So. Rootknot Nematode..	NT
Fruit Pattern.....	Uniform green	Spider Mite.....	NT
Ripe Fruit Color.....	Red	Sugarbeet Army Worm....	NT
Ripe Flesh Color.....	Red/Crimson	Flea Beetle.....	NT
Flesh Uniformity.....	Uniform	Hornworm.....	NT
Gel Color.....	Red	Fruitworm.....	NT
Longitudinal Ripening...	Uniform	Whitefly.....	NT
Centrifugal Ripening...	Uniform	Ozone.....	NT
Epidermis Color.....	Yellow	Sulfur Dioxide.....	NT
Epidermis Peel.....	Normal	pH of Ripe Fruit.....	4.36
Epidermis Texture.....	Average	Soluble Solids x 10....	58
Stem Scar Size.....	Small	Seed to Oncoover harv..	117
Fruit Core.....	Absent	Fruit Season.....	Short
Blossom End Rot.....	R	Relative Maturity.....	Medium
Blotchy Ripening.....	R	Culture.....	Field
Fruit Bursting.....	R	Use.....	Whole-Pack
Catfacing.....	R	Machine Harvest.....	Adapted
Fruit Cracking.....	R	Region Adapt.#1.....	Southeast
Concentric Crack.....	R	Similar Variety.....	Dorchester
Radial Cracking.....	R	Similar Variety.....	C-37
Fruit Pox.....	NT	Similar Variety.....	Chico III
Gold Fleck.....	NT	Synonym.....	NC 2
Graywall.....	NT	Pistill. Parent.....	Fla 180
		Pollen Parent.....	Dorchester

Variety Name: 'Wolfpack 2'

PV Number: 8510792

An F₁₁ derived from a cross between 'Fla 180' and 'Dorchester', followed by pedigree selection in the F₂ and F₃, and single-seed descent from F₄ to F₆ [Exhibit A]. Similar to 'Wolfpack 1' but is approx. 4 days later, has a smaller fruit size, and is somewhat more viny in plant habit [Exhibit B].

Characteristics [from Exhibit C]:

Anthocyanin.....	Present	Zippering.....	NT
Habit Seedling.....	Normal	Puffiness.....	R
Growth Habit.....	Determinate	Cucumber Mosaic.....	NT
Plant Form.....	Compact	Curly Top.....	NT
Canopy Size.....	Medium	Potato-Y Virus.....	NT
Uprightness.....	Semi-erect	TMV Race 0.....	NT
Branching.....	Intermediate	TMV Race 1.....	NT
Vegetative Nodes.....	7-10	TMV Race 2.....	NT
Lower Infl.Nodes.....	2	TMV Race 2 ²	NT
Upper Infl.Nodes.....	2	Spotted Wilt.....	NT
Stem Pubescence.....	Mod. hairy	Tomato Yellows.....	NT
Leaf Type.....	Tomato	Bacterial Canker.....	NT
Leaf Morphology.....	2	Bacterial Soft Rot.....	NT
Leaf Margins.....	Shallowly cut	Bacterial Speck.....	NT
Leaf Rolling.....	Slight	Bacterial Spot.....	NT
Onset of Rolling.....	Early-season	Bacterial Wilt.....	NT
Leaf Surface.....	Rugose	Anthrachnose.....	NT
Leaf Pubescence.....	Normal	Pyrenochaeta Rot.....	NT
No. flowers/infl.....	5	Collar rot/Stem canker..	NT
Running Inflorescences..	Absent	Early Blight.....	NT
Calyx.....	Normal	Fusarium Race 1.....	R
Calyx Lobes:Corolla....	Shorter	Fusarium Race 2.....	NT
Corolla Color.....	Yellow	Fusarium Race 3.....	NT
Anther Morphology.....	All fused	Gray Leaf Spot.....	NT
Fasciation.....	Absent	Late Blight Race 0.....	NT
Fruit Shape.....	Blocky round	Late Blight Race 1.....	NT
Fruit cross-section....	Round	Leaf Mold.....	NT
Blossom End.....	Indented	Leaf Mold Race 1.....	NT
Stem End.....	Flat	Leaf Mold Race 2.....	NT
Pistil Scar.....	Dot	Leaf Mold Race 3.....	NT
Abscission Layer.....	Present	Nailhead Spot.....	NT
Pedicel Length, mm.....	8	Septoria Spot.....	NT
Fruit Weight, g.....	63	Target Leafspot.....	NT
No. of Locules.....	3 and 4	Verticillium Race 1....	NT
Fruit Surface.....	Smooth	Verticillium Race 2....	NT
Fruit Base Color.....	Lt. gray-green	Colo. Potato Beetle....	NT
Fruit Pattern.....	Uniform green	So. Rootknot Nematode..	NT
Ripe Fruit Color.....	Red	Spider Mite.....	NT
Ripe Flesh Color.....	Red/Crimson	Sugarbeet Worm.....	NT
Flesh Uniformity.....	Uniform	Flea Beetle.....	NT
Gel Color.....	Red	Hornworm.....	NT
Longitudinal Ripening...	Uniform	Fruitworm.....	NT
Centrifugal Ripening...	Uniform	Whitefly.....	NT
Epidermis Color.....	Yellow	Ozone.....	NT
Epidermis Peeling.....	Normal	Sulfur Dioxide.....	NT
Epidermis Texture.....	Average	pH of Ripe Fruit.....	4.0
Stem Scar Size.....	Small	Soluble Solids x10.....	60
Fruit Core.....	Absent	Seed-oncoveer harvest..	121 days
Blossom End Rot.....	R	Fruit Season.....	Short
Blotchy Ripening.....	R	Relative Maturity.....	Medium late
Fruit Bursting.....	R	Culture.....	Field
Catfacing.....	R	Use.....	Whole pack
Fruit Cracking.....	R	Machine Harvest.....	Adapted
Concentric Crack.....	R	Region Adaptation.....	Southeast
Radial Cracking.....	R	Synonym.....	NC 4
Fruit Pox.....	NT	Similar Variety.....	Wolfpack 1
Gold Fleck.....	NT	Pistill. Parent.....	Fla 180
Graywall.....	NT	Pollen Parent.....	Dorchester

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